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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09088 - Goat Anti-FBXO32 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FBXO32, F-box protein 32, FLJ32424, Fbx32, MAFbx, MGC33610, F-box only protein 32, atrogin 1, muscle atrophy F-box protein

Official Symbol: FBXO32

Accession Number(s): NP_478136.1

Human GeneID(s): [114907](#)

Non-Human GeneID(s): 67731 (mouse), 171043 (rat)

Important Comments: This antibody is expected to recognize reported isoform 1 (NP_478136.1).

Immunogen

Peptide with sequence C-NSKTKTQYFHQEK, from the internal region of the protein sequence according to NP_478136.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx. 40kDa band observed in Mouse Skeletal Muscle lysates (calculated MW of 41.5kDa according to Mouse NP_080622.1). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature. Preliminary testing was unsuccessful on Rat and Pig Skeletal Muscle, and Pig Heart for this particular batch.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat, Cow, Pig

Specific Reference

This antibody has been successfully used in Western blot on Mouse:

Penet MF, Gadiya MM, Krishnamachary B, Nimmagadda S, Pomper MG, Artemov D, Bhujwala ZM.

Metabolic signatures imaged in cancer-induced cachexia.

Cancer Res. 2011 Nov 15;71(22):6948-56

PMID: 21948967

EB09088 (0.3µg/ml) staining of Mouse Skeletal Muscle lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.